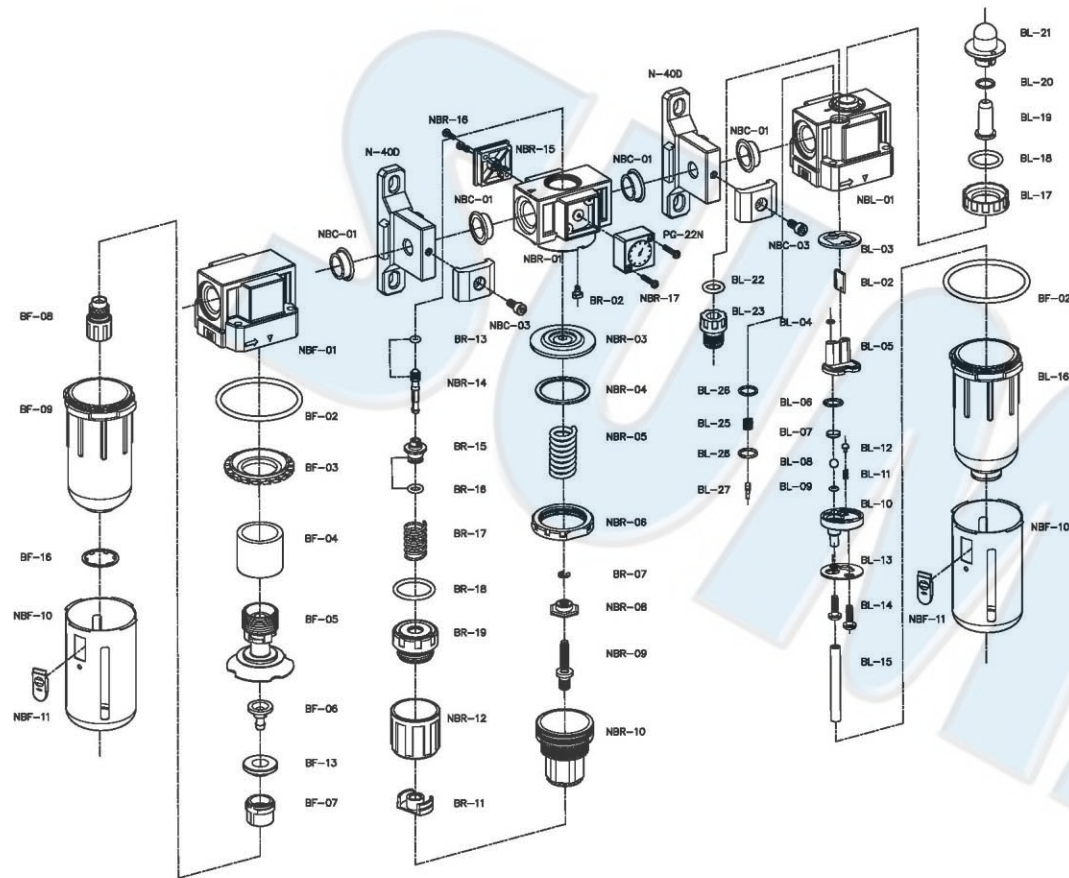
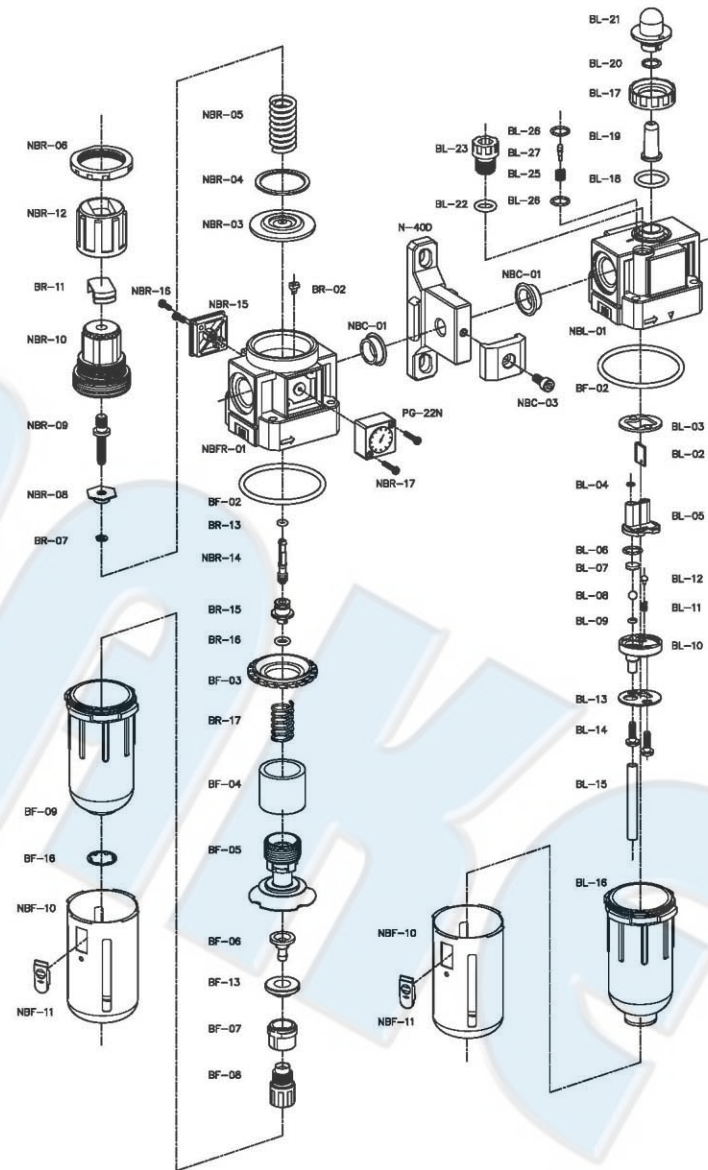


1/4", (3/8") , (1/2") AIR CONTROL UNIT



Index No:	Part No:	Description	Index No:	Part No:	Description	Index No:	Part No:	Description	Index No:	Part No:	Description
1	NBF-01	Filter Body	18	NBR-05	Spring	35	PG-22N	Pressure Gauge	52	BL-06	Plastic Bowl
2	BF-02	O-Ring	19	NBR-06	Anchor Ring	36	NBR-17	Screw	53	BL-17	Adjusting Ring
3	BF-03	Spiral Baffle	20	BR-07	E-Ring	37	NBL-01	Lubricator Body	54	BL-18	O-Ring
4	BF-04	Filter Element	21	NBR-08	Regulating Nut	38	BL-02	Distance Piece	55	BL-19	Drip pipe
5	BF-05	Umbrella Baffle	22	NBR-09	Governor Spindle	39	BL-03	Packing	56	BL-20	O-Ring
6	BF-06	Drain Cap	23	NBR-10	Governor Socket	40	BL-04	O-Ring	57	BL-21	Visi-Dome
7	BF-07	Drain Nut	24	BR-11	Push Button	41	BL-05	Distance Block	58	BL-22	O-Ring
8	BF-08	Drain Screw	25	NBR-12	Pressure Governor	42	BL-06	O-Ring	59	BL-23	Filling plug
9	BF-09	Plastic Bowl	26	BR-13	O-Ring	43	BL-07	Filter Leaf	60		
10	NBF-10	Bowl Guard	27	NBR-14	Spool	44	BL-08	Ball Steel	61	BL-25	Spring
11	NBF-11	Push Button Key	28	BR-15	Spring Pressure Plug	45	BL-09	O-Ring	62	BL-26	O-Ring
12	BF-13	Rubber	29	BR-16	O-Ring	46	BL-10	Governor	63	BL-27	Enjeter Pin
13	BF-16	Locking Ring	30	BR-17	Spring	47	BL-11	Spring	64	N-400	Mounting Bracket
14	NBR-01	Regulator Body	31	BR-18	O-Ring	48	BL-12	Slack Adjustor	65		
15	BR-02	Exhaust Nozzle	32	BR-19	Valve Cap	49	BL-13	Setting up piece	66	NBC-01	Packing
16	NBR-03	Pressure Packing	33	NBR-15	Pressure Gauge cover	50	BL-14	Screw	67	NBC-03	Screw
17	NBR-04	Plastic Ring	34	NBR-16	Screw	51	BL-15	Tube	68		

1/4", (3/8") , (1/2") PIGGYBACK AIR CONTROL UNIT



Index No:	Part No:	Description
1	NBR-01	Filter Regulator Body
2	BF-02	O-Ring
3	BF-03	Spiral Baffle
4	BF-04	Filter Element
5	BF-05	Umbrella Baffle
6	BF-06	Drain Cap
7	BF-07	Drain Nut
8	BF-08	Drain Screw
9	BF-09	Plastic Bowl
10	NBF-10	Bowl Guard
11	NBF-11	Push Button Key
12	BF-13	Rubber
13	BF-16	Locking Ring
14	BR-02	Exhaust Nozzle
15	NBR-03	Pressure Packing
16	NBR-04	Plastic Ring
17	NBR-05	Spring
18	NBR-06	Anchor Ring
19	BR-07	E-Ring
20	NBR-08	Regulating Nut
21	NBR-09	Governor Spindle
22	NBR-10	Governor Socket
23	BR-11	Push Button
24	NBR-12	Pressure Governor
25	BR-13	O-Ring
26	NBR-14	Spool
27	BR-15	Spring Pressure Plug
28	BR-16	O-Ring
29	BR-17	Spring
30	NBR-15	Pressure Gauge cover
31	NBR-16	Screw
32	PG-22N	Pressure Gauge
33	NBR-17	Screw
34	NBL-01	Lubricator Body
35	BL-02	Distance Piece
36	BL-03	Packing
37	BL-04	O-Ring
38	BL-05	Distance Block
39	BL-06	O-Ring
40	BL-07	Filter Leaf
41	BL-08	Ball Steel
42	BL-09	O-Ring
43	BL-10	Governor
44	BL-11	Spring
45	BL-12	Slack Adjustor
46	BL-13	Setting up piece
47	BL-14	Screw
48	BL-15	Tube
49	BL-16	Plastic Bowl
50	BL-17	Adjusting Ring
51	BL-18	O-Ring
52	BL-19	Drip pipe
53	BL-20	O-Ring
54	BL-21	Visi-Dome
55	BL-22	O-Ring
56	BL-23	Filling plug
57	BL-25	Spring
58	BL-26	O-Ring
59	BL-27	Enjeter Pin
60	N-400	Mounting Bracket
61	N-400	Anchor Block
62	NBC-01	Packing
63	NBC-03	Screw

Application:

Air filter: Filter impurities and moisture.

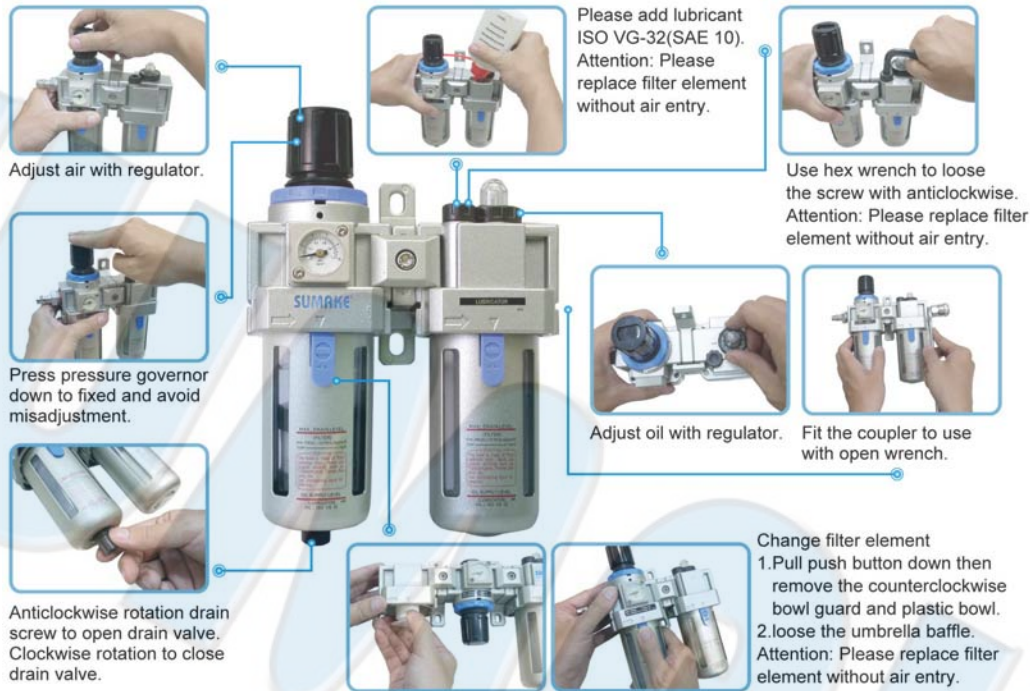
Air regulator: Controlled within appropriate pressure.

Air lubricator: Mixing lubricating oil into compressed air, Lubricating oil can lubricate components in the air pressure system, to increase component function and extend service life.

Applicable industries: food, medical, mechanical processing.

Operation Method:

- The assembly of all calibration shall meet the maximum flow requirement. You can adjust air flow by switch which indicated by several scales. The more air flow, the bigger torque output will be.
- Maximum pressure of 15kgf/cm².
- Direction -air flow in the triangle "▷" on tile primary unit.
- Air filter drain method**
 - Manual drain device: Clockwise (left turn) is drain, Counterclockwise (turn right) is lock.
 - Differential pressure drain device: Pressure difference must above on 0.1Mpa(1.0kgf/cm²).
 - Automatic float type drain device: Pressure must above on 0.15Mpa(1.5kgf/cm²), When the water level exceeds the float will automatically drain, The valve automatically closed after the drain is completed.
- Site -as close to the unit to be protected as possible.
- Place "free of direct sun shine, hot area, and hazardous chemicals.
- To avoid causing danger, cannot remove PC cup during using, PC cup push bottom must lock on location point that can use.
- PC cup is suitable for cotton paper wipe or warm water plus household neutral detergent to wash, to avoid using chemicals causing product damage.
- Please check air is off before maintenance and repair, to avoid injured when disassembling and product damage.

**Common Troubleshooting:**

Event	Appearance	Possible Cause	Solution
Lubricator not operating	Oil in cup not reducing	Adjusting ring not in appropriate location	Adjust adjusting ring to appropriate location
	Oil in cup reduce too fast	The viscosity of the oil is too high	Using appropriate oil
	Oil in cup reduce too fast	Adjusting ring not in appropriate location	Adjust adjusting ring to appropriate location
	Oil does not reach the unit	Lubricator installation location is too low	Lubricator installed at a higher position than the machine
Air filter not operating	Insufficient flow not enough	Air pressure source is not open	Intake end to air pressure line dismantled tube or not or the air source valve is not open
		Too much oil stain in the filter cause clog	Remove the filter and surface cleaned with soap, if can't improve then need to change filter
	Filtering incomplete	Check the filter	Remove the filter and surface cleaned with soap, if can't improve then need to change filter
	Unable to drain manually	The drain hole under the PC cup is blocked	When no pressure state inside the cup, using 1-2kgf/cm ² blow gun to clean cup interior and remove the pc cup to wash and put it back.
		Drainage device brake	Rotate the drainer to an airtight state, if it is impossible to lock the leak, then need disassembly and repair
	No pressure drainage	Air pressure source close or not	Keep the pressure in the cup at 1-2kgf/cm ² then unscrew the drainage to drain
	Unable to drain automatically	Check air source and float	Remove the PC cup and shake up and down two or three times to make the internal positioning pin return to appropriate location
Air regulator	Air flow unstable	Piping of pressure from regular is too thin	Increase piping size or change different spec. Machine
		Piping of pressure from compressor is too thin Or blocked by dust	Increase piping or hole of connector and Remove dust
		The pressure source is too small	Increase pressure source
	Decompression insensitive	Pressure packing damage (usually there is a lot of air leakage from the exhaust vent)	Disassembly and repair
	Flow is not smooth for pressure from regular	Valve seat has foreign material or valve o-ring breakage (usually there is a lot of air leakage from the exhaust vent)	Disassembly and repair
	Pressure reducing valve can't open	Spring breakage	Disassembly and repair
	Always leaking can't adjust	Improper installation of the intake direction	Replace the installation of intake direction